

01.09.02

PTO/SB/05 (11-00)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Electronic Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Please type a plus sign (+) inside this box → +

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 01-699
First Inventor Yong Hwan Jeong et al.
Title ZIRCONIUM ALLOY HAVING EXCELLENT...
Express Mail Label No. EL394335352US

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/H7)
(Submit on original and a duplicate for fee processing)

2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.

3. ☒ Specification [Total Pages 28]
(preferred arrangement set forth below)
- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the invention
- Brief Summary of the invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 7]
[Total Pages 6]

5. ☒ Oath or Declaration
a. ☒ Newly executed (original or copy)
b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)

6. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:
Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
a. ☐ Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. ☐ CD-ROM or CD-R (2 copies); or
ii. ☐ paper
c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
11. ☐ English Translation Document (if applicable),
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☒ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)
Prior application information: Examiner _____ of prior application No. _____
Group Art Unit: _____
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label [REDACTED] or ☒ Correspondence address below

Name Gregory P. LaPointe
Address BACHMAN & LaPOINTE, P.C.
900 Chapel Street, Suite 1201
City New Haven State CT Zip Code 06510-2802
Country USA Telephone 203-777-6628 Fax 203-865-0297
Registration No. (Attorney/Agent) 28,395
Name (Print/Type) Gregory P. LaPointe Date 11/1/01
Signature [Signature]

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231

on November 1, 2001
(Date of Deposit)

Rachel Piscitelli
Name and Reg. No. of Attorney
[Signature]
November 1, 2001
Date of Signature

10/04/01
10/04/01
11/01/01

FEE TRANSMITTAL for FY 2002 <small>Patent fees are subject to annual revision.</small>		Complete if Known	
TOTAL AMOUNT OF PAYMENT (\$)		Application Number	
780.00		Filing Date	
		First Named Inventor	Yong Hwan Jeong et al.
		Examiner Name	
		Group Art Unit	
		Attorney Docket No.	01-699

METHOD OF PAYMENT		FEE CALCULATION (continued)																																																																																																																																	
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to debit any overpayments to: Deposit Account Number: 02-0184 Deposit Account Name: <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		3. ADDITIONAL FEES																																																																																																																																	
2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other		<table border="1"><thead><tr><th>Large Entity Fee Code (\$)</th><th>Small Entity Fee Code (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>105 130 205 65</td><td></td><td>Surcharge - late filing fee or oath</td><td></td></tr><tr><td>127 50 227 25</td><td></td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr><tr><td>139 130 139 130</td><td></td><td>Non-English specification</td><td></td></tr><tr><td>147 2,520 147 2,520</td><td></td><td>For filing a request for ex parte reexamination</td><td></td></tr><tr><td>112 920* 112 920*</td><td></td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>113 1,840* 113 1,840*</td><td></td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>115 110 215 55</td><td></td><td>Extension for reply within first month</td><td></td></tr><tr><td>116 400 216 200</td><td></td><td>Extension for reply within second month</td><td></td></tr><tr><td>117 920 217 460</td><td></td><td>Extension for reply within third month</td><td></td></tr><tr><td>118 1,440 218 720</td><td></td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>128 1,960 228 980</td><td></td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>119 320 219 160</td><td></td><td>Notice of Appeal</td><td></td></tr><tr><td>120 320 220 160</td><td></td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>121 280 221 140</td><td></td><td>Request for oral hearing</td><td></td></tr><tr><td>138 1,510 138 1,510</td><td></td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>140 110 240 55</td><td></td><td>Petition to revive - unavoidable</td><td></td></tr><tr><td>141 1,280 241 640</td><td></td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>142 1,280 242 640</td><td></td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>143 460 243 230</td><td></td><td>Design issue fee</td><td></td></tr><tr><td>144 620 244 310</td><td></td><td>Plant issue fee</td><td></td></tr><tr><td>122 130 122 130</td><td></td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>123 50 123 50</td><td></td><td>Processing fee under 37 CFR 1.17(c)</td><td></td></tr><tr><td>126 180 126 180</td><td></td><td>Submission of Information Disclosure Stmt</td><td></td></tr><tr><td>581 40 581 40</td><td></td><td>Recording each patent assignment per property (times number of properties)</td><td>40</td></tr><tr><td>146 740 246 370</td><td></td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr><tr><td>149 740 249 370</td><td></td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr><tr><td>179 740 279 370</td><td></td><td>Request for Continued Examination (RCE)</td><td></td></tr><tr><td>169 900 169 900</td><td></td><td>Request for expedited examination of a design application</td><td></td></tr><tr><td colspan="2">Other fee (specify)</td><td></td><td></td></tr><tr><td colspan="2">SUBTOTAL (1) (\$)</td><td colspan="2">SUBTOTAL (3) (\$)</td></tr><tr><td colspan="2">740.00</td><td colspan="2">40.00</td></tr></tbody></table>		Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	105 130 205 65		Surcharge - late filing fee or oath		127 50 227 25		Surcharge - late provisional filing fee or cover sheet		139 130 139 130		Non-English specification		147 2,520 147 2,520		For filing a request for ex parte reexamination		112 920* 112 920*		Requesting publication of SIR prior to Examiner action		113 1,840* 113 1,840*		Requesting publication of SIR after Examiner action		115 110 215 55		Extension for reply within first month		116 400 216 200		Extension for reply within second month		117 920 217 460		Extension for reply within third month		118 1,440 218 720		Extension for reply within fourth month		128 1,960 228 980		Extension for reply within fifth month		119 320 219 160		Notice of Appeal		120 320 220 160		Filing a brief in support of an appeal		121 280 221 140		Request for oral hearing		138 1,510 138 1,510		Petition to institute a public use proceeding		140 110 240 55		Petition to revive - unavoidable		141 1,280 241 640		Petition to revive - unintentional		142 1,280 242 640		Utility issue fee (or reissue)		143 460 243 230		Design issue fee		144 620 244 310		Plant issue fee		122 130 122 130		Petitions to the Commissioner		123 50 123 50		Processing fee under 37 CFR 1.17(c)		126 180 126 180		Submission of Information Disclosure Stmt		581 40 581 40		Recording each patent assignment per property (times number of properties)	40	146 740 246 370		Filing a submission after final rejection (37 CFR § 1.129(a))		149 740 249 370		For each additional invention to be examined (37 CFR § 1.129(b))		179 740 279 370		Request for Continued Examination (RCE)		169 900 169 900		Request for expedited examination of a design application		Other fee (specify)				SUBTOTAL (1) (\$)		SUBTOTAL (3) (\$)		740.00		40.00	
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																
105 130 205 65		Surcharge - late filing fee or oath																																																																																																																																	
127 50 227 25		Surcharge - late provisional filing fee or cover sheet																																																																																																																																	
139 130 139 130		Non-English specification																																																																																																																																	
147 2,520 147 2,520		For filing a request for ex parte reexamination																																																																																																																																	
112 920* 112 920*		Requesting publication of SIR prior to Examiner action																																																																																																																																	
113 1,840* 113 1,840*		Requesting publication of SIR after Examiner action																																																																																																																																	
115 110 215 55		Extension for reply within first month																																																																																																																																	
116 400 216 200		Extension for reply within second month																																																																																																																																	
117 920 217 460		Extension for reply within third month																																																																																																																																	
118 1,440 218 720		Extension for reply within fourth month																																																																																																																																	
128 1,960 228 980		Extension for reply within fifth month																																																																																																																																	
119 320 219 160		Notice of Appeal																																																																																																																																	
120 320 220 160		Filing a brief in support of an appeal																																																																																																																																	
121 280 221 140		Request for oral hearing																																																																																																																																	
138 1,510 138 1,510		Petition to institute a public use proceeding																																																																																																																																	
140 110 240 55		Petition to revive - unavoidable																																																																																																																																	
141 1,280 241 640		Petition to revive - unintentional																																																																																																																																	
142 1,280 242 640		Utility issue fee (or reissue)																																																																																																																																	
143 460 243 230		Design issue fee																																																																																																																																	
144 620 244 310		Plant issue fee																																																																																																																																	
122 130 122 130		Petitions to the Commissioner																																																																																																																																	
123 50 123 50		Processing fee under 37 CFR 1.17(c)																																																																																																																																	
126 180 126 180		Submission of Information Disclosure Stmt																																																																																																																																	
581 40 581 40		Recording each patent assignment per property (times number of properties)	40																																																																																																																																
146 740 246 370		Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																	
149 740 249 370		For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																	
179 740 279 370		Request for Continued Examination (RCE)																																																																																																																																	
169 900 169 900		Request for expedited examination of a design application																																																																																																																																	
Other fee (specify)																																																																																																																																			
SUBTOTAL (1) (\$)		SUBTOTAL (3) (\$)																																																																																																																																	
740.00		40.00																																																																																																																																	
2. EXTRA CLAIM FEES																																																																																																																																			
Total Claims: 10 Independent Claims: 2 Multiple Dependent: Extra Claims: -20** = -3** = Fee from below: Fee Paid: SUBTOTAL (2) (\$)		0.00																																																																																																																																	
1. BASIC FILING FEE																																																																																																																																			
Large Entity Small Entity Fee Fee Fee Fee Code (\$ Code (\$ Code (\$ Code (\$ Fee Description 101 740 201 370 Utility filing fee 106 330 206 165 Design filing fee 107 510 207 255 Plant filing fee 108 740 208 370 Reissue filing fee 114 160 214 80 Provisional filing fee SUBTOTAL (1) (\$)		740.00																																																																																																																																	

SUBMITTED BY		Registration No.		Telephone	
Name (Print/Type): Gregory P. LaPointe		28,395		203-777-6628	
Signature:		Date: 11/1/01			

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Express Mail No.:
EL394335352US

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231

on November 1, 2001
(Date of Deposit)
Rachel Piscitelli
Name and Reg. No. of Attorney

November 1, 2001
Date of Signature